PART ELEVEN - FORMS

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:
Ivan Hutchinson Pit mining expansion

2. Name of applicant: Ellensburg Cement Products
3. Address and phone number of applicant and contact person:

1071 HWY. 97, P.O. Box 938, Ellensburg, WA 98926

(509) 933-7050, Bruce Terrell
4. Date checklist prepared: 31/MAY/06
5. Agency requesting checklist: Washington D.N.R. Geology and Earth
6. Proposed timing or schedule (including phasing, if applicable):

Project begins 01/JAN/07 Operating through 01/JAN/37

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

None

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No

10. List any government approvals or permits that will be needed for your proposal, if known.

SM-6 County or Municipality Approval for Surface Mining

SM-8A Application for Reclamation Permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The site is 193 acres total with 153 acres presently being mined under all applicable state and federal permits. The expansion is approximately 40 acres with a mined depth of 60 feet adjoining the previously mentioned 153 acres. The expansion will be used to supply material for concrete production and various sizes of rock for construction for the next 30 years (approx.). There will be no change in the mining and processing procedure that has been successfully used at this location for the last 50 years. Reclamation is a priority, this property being very valuable as is, and even more so after proper reclamation.

Material from this mine is used in civil, residential, and commercial construction throughout Kittitas County. This mine is close to the more densely populated areas of the county providing quick and economical access to our customers.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The mine is an expansion of the Ivan Hutchinson Pit. The legal description of the expansion is as follows; SE/NW ¼- Section 28-Township 18N, SW/NW ¼- Section 28-Township 18N, NW/SW ¼- Section 28- Township 18N, NE/SW ¼- Section 28-Township 18N.The current mine is; SE/NE ¼- Section 29- Township 18N, NE/SE ¼- Section 29- Township 18N, SE/SE ¼- Section 29- Township 18N.

The current mine Parcels; 18-18-29010-0002, 18-18-28030-0009

The mine expansion Parcels; 18-18-28000-0044, 18-18-28030-011

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other . . . . .

Flat

b. What is the steepest slope on the site (approximate percent slope)?

< 1 %

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Sand and gravel

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

None

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

No

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

0%

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

Vegetation, sloped borders, and dikes.

a. **Air**

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Dust from vehicular traffic on haulage roads will be controlled with a water truck.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Frequent use of the water truck when conditions require dust reduction.

TO BE COMPLETED BY APPLICANT

EVALUATION FOR AGENCY USE ONLY

3. **Water**

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Dry Creek flows along the Northwest corner of the Ivan Pit. There is also an irrigation ditch that is fed by Dry Creek on a seasonal basis that flows through the Southwest corner of the mine property.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

No

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

Ground water will not be withdrawn. The water used in the mine consists of naturally accumulating ground flow captured in ponds on site. The water is then pumped to sediment ponds where it is recycled.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

There will be no waste materials discharged into the ground.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

No water leaves the site as storm runoff. The majority of the surrounding land slopes toward the mine. The northwest is bounded by a lake and the west is bordered by I-90 and Dry Creek with a dike separating Dry Creek from the pit. The remaining mine border has a water control ditch channeling water into holding ponds.

2) Could waste materials enter ground or surface waters? If so, generally describe.

No

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Measures to control water are proper sloping of grades, dikes and berms, and control ditches.

4. **Plants**

a. Check or circle types of vegetation found on the site:

___X___ deciduous tree: alder, maple, aspen, other

_____ evergreen tree: fir, cedar, pine, other

___X___ shrubs

___X___ grass

___X___ pasture

_____ crop or grain

___X___ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other

_____ water plants: water lily, eelgrass, milfoil, other

_____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

Approximately 38 acres of pasture and native grasses will be removed from the expansion.

c. List threatened or endangered species known to be on or near the site.

None

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Smaller existing vegetation will be mixed with topsoil for redistribution on areas being reclaimed. Disturbed areas will be reseeded with grasses. Sloped edges will be covered with at least 6" of topsoil and Hydro seeded. A noxious weed control program in effect on the current mine will extend to the expansion.

5. **Animals**

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other: magpies, crows, vultures, owls.
mammals: deer, bear, elk, beaver, other: rabbits, raccoon, squirrel, porcupine.
fish: bass, salmon, trout, herring, shellfish, other: bass

b. List any threatened or endangered species known to be on or near the site.

Bald eagle, Blue heron, Osprey

c. Is the site part of a migration route? If so, explain.

It is part of the Pacific Flyway

d. Proposed measures to preserve or enhance wildlife, if any:

The reclamation plan will provide for creation of a lake and additional trees where there is now pasture. This will provide a habitat conducive to animals flourishing after mining has been completed.

6. **Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

No energy will be needed on site through the duration of the project.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

All equipment will be maintained in good working order, high quality fuel will be used.

7. **Environmental health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

The usual risk of fire and explosion with the use of petroleum products, along with potential spills of the same products.

1) Describe special emergency services that might be required.

An ambulance may be needed in the event of an accident.

2) Proposed measures to reduce or control environmental health hazards, if any:

MSHA oversees operations for workers' safety including tools, operating equipment, and fire control equipment

Crews are trained to handle spills and fire.

b. **Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

There will be no increase in noise or noise levels , compared to the existing operations. Hours: approximately 0600-1700

3) Proposed measures to reduce or control noise impacts, if any:

All equipment maintained in good working order.

8. **Land and shoreline use**

a. What is the current use of the site and adjacent properties?

Current use of the site is General Industrial with sand and gravel stockpiles and pasture. The adjacent properties are farming, pasture, highway, recreation, and General Industrial

b. Has the site been used for agriculture? If so, describe.

Yes, mainly as pasture.

c. Describe any structures on the site.

There are no structures on the site

d. Will any structures be demolished? If so, what?

No

e. What is the current zoning classification of the site?

General Industrial

f. What is the current comprehensive plan designation of the site?

Rural

g. If applicable, what is the current shoreline master program designation of the site?

Rural

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No

i. Approximately how many people would reside or work in the completed project?

Unknown at this time. Ellensburg has a rapidly growing in population. A rough estimate would be 120 residents.

j. Approximately how many people would the completed project displace?

None

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Site will be sequentially reclaimed to be compatible with the surrounding terrain and land uses by covering the disturbed area with topsoil and reseeding and creation of a lake.

9. **Housing**

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

None

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

None

c. Proposed measures to reduce or control housing impacts, if any:

ECP will continue its efforts to maintain a minimal impact on the surrounding residences and commercial

10. **Aesthetics**

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

b. What views in the immediate vicinity would be altered or obstructed?

No views will be obstructed.

c. Proposed measures to reduce or control aesthetic impacts, if any:

The reclamation plan will address those issues by tree planting and reseeding the exposed areas not covered by the lake.

11. **Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No

c. What existing off-site sources of light or glare may affect your proposal?

None

d. Proposed measures to reduce or control light and glare impacts, if any:

N/A

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

Fishing in the Yakima River

b. Would the proposed project displace any existing recreational uses? If so, describe.

No

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

The lake created upon the mine being reclaimed will provide recreation.

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

No

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None

c. Proposed measures to reduce or control impacts, if any:

N/A

14. **Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Highway 97serves the site, giving access at two locations.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

No. Nearest stop .25 mile south

c. How many parking spaces would the completed project have? How many would the project eliminate?

N/A

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

No

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

Burlington Northern and Santa Fe railroad is located on north eastern border of mine expansion

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

There will be no increase in the current traffic load. Currently the mine generates approximately 20 trips per day in winter to 170 per day in summer. Peak volume is between 0700 and 1630.

g. Proposed measures to reduce or control transportation impacts, if any:

Access and egress roads will be monitored for dust and kept clean if paved

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

No

b. Proposed measures to reduce or control direct impacts on public services, if any.

N/A

16. **Utilities**

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

Electricity is supplied to the current mine, as is telephone, and refuse services.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

The expansion will not require any expansion of utilities it will be self-sufficient

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: James O Leitchman

Date Submitted: 20/Jun/06